SK DESIGN GROUP, INC.

CIVIL ENGINEERS SINCE 1989

April 11, 2014

Darby Logan, Senior Transportation Planner
MoDOT
3602 N. Belt Highway
St. Joseph, MO 64506
darby.logan@modot.mo.gov

Re: 4th Street Improvements - Phase 1
STP 4303 (101)
Public Interest Finding

I do hereby certify that in accordance with the requirements of 23 CFR 635.411(a)(2), this patented or proprietary item is essential for synchronization with existing highway facilities.

ERIC SCHROETER FOR
State Design Engineer

Dear Darby,

With reference to the above mentioned project, we request approval of a finding in the public interest to use the following products.

1. Dumor Site Furnishings Inc. 8' Black Bench, Model 160-80 and Black 32 Gallon Trash Receptacle Model 84-32 DM with dome top covers.

   The benches and trash receptacles were used in the adjacent 2008 Downtown Streetscape Improvement Project. The City desires to use the same products which are essential to the synchronization with the Downtown project. Additionally, maintenance and replacement of the vandalized items that are required over time is more difficult for the City if different products are used where they have to keep track of multiple manufactures products.

2. Streetlight Poles and Fixtures
   - Sternberg black streetlight pole #52-16 FPS - modified
   - Sternberg #A850ASRLED - 5T - ML - 3ARC35T3 - BLK-HSS Light Fixture
   - Sternberg #A850ASRLED - 5T - ML - 6ARC35T4 - BLK - HSS Light Fixture
   - AB Chance hot dipped galvanized Helical Foundation Enterprise ECC #112-1171-26-12FF-2100 Concrete Collar

   The Sternberg streetlight poles and luminaries specified for the project were the only product that met all of the desired criteria established by Northwest Missouri State University and the City. The lights will be installed along the main pedestrian route between the University and Downtown Maryville. The University is very concerned about maintaining light levels providing face recognition at 30 feet, the same standard as applied to campus for the safety of female pedestrians. At the same time the City wants a pole and luminaries fixture matching the adjacent Downtown Streetscape project to reinforce the continuity between the two projects. The City was also concerned about the amount of bleed light into the houses along the corridor desired by the University. The specified lighting system is the one that meets the requirements of both the City and University. Any revisions to the pole heights, locations and specified luminaries cut-off lenses' to address bleed light into the houses while still providing the illumination levels desired by the University would invalidate the photo metrics all of the parties involved worked so hard to achieve.

   In addition, the streetlight poles bases, helical foundations, base plate and precast concrete collars are all part of a coordinated pole foundation system matching the street light poles.

Approval of this request at your earliest convenience would be appreciated. This project is scheduled for a mid April bid advertisement.

Sincerely,
SK Design Group, Inc.

John\ Chamberlin, PE, RLS, Director of Engineering

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